

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|------------------|
| L1 | 1354391 | disk or disc | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:05 |
| L2 | 5956 | 1 with refract\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:06 |
| L3 | 1016038 | ball or spher\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:06 |
| L4 | 36387 | 3 with flat\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:06 |
| L5 | 126 | 2 and 4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:06 |
| L6 | 5295174 | base or substrate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:07 |
| L7 | 108 | 5 and 6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:15 |
| L8 | 18 | 5 not 7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:17 |
| L9 | 153996 | (beam or ray or light) near3 (refract\$ or scatter\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:17 |
| L10 | 4079 | 1 same 9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:18 |
| L11 | 33929 | 1 with 3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:18 |
| L12 | 374 | 10 and 11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:18 |
| L13 | 363 | 12 not 5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 13:29 |
| L14 | 1 | ("4832453").PN. | US-PGPUB; USPAT | OR | OFF | 2005/05/02 13:32 |
| L15 | 1537 | (359/819,822).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/05/02 14:05 |
| L16 | 359 | (359/565).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/05/02 13:40 |

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|-----|-----|---|---|----|-----|------------------|
| L17 | 312 | (359/896).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/05/02 14:05 |
| L18 | 298 | 17 not (12 or 15 or 16) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 14:30 |
| L19 | 170 | (362/811).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/05/02 14:46 |
| L20 | 5 | ((("4148299") or ("5791775") or ("5997151") or ("6231196") or ("6540381"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/05/02 14:30 |
| L21 | 613 | (359/873,813).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/05/02 14:30 |
| L22 | 509 | 21 not (17 or 12 or 15 or 16) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 14:46 |
| L23 | 110 | (362/1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/05/02 14:46 |
| L24 | 110 | 23 not (21 or 17 or 12 or 15 or 16) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/02 14:47 |